

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
LINDHOLM, et al.

Serial No.: 10/823,282

Confirmation No.: 4571

Filed: April 12, 2004

For: SYSTEM AND METHOD FOR  
PROCESSING DIVERGENT  
SAMPLES IN A  
PROGRAMMABLE GRAPHICS  
PROCESSING UNIT

Group Art Unit: 2628

Examiner: Joni Hsu

## MAIL STOP AF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence and the documents referred to as attached therein are being electronically transmitted to the U.S. Patent and Trademark Office via EFS-Web to the attention of Examiner Joni Hsu on the date shown below.

08/27/07  
Date

James A. Sheridan, 25.435

**RESPONSE TO FINAL OFFICE ACTION DATED JULY 10, 2007**

Dear Sir:

In response to the Final Office Action dated July 10, 2007, having a shortened statutory period for response set to expire on October 10, 2007, please enter this response and reconsider the claims pending in the application for the reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/NVDA/P000735/JAS for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks** begin on page 8 of this paper.